## JC03 Rec'd PCT/PTO 1 5 SEP 2009

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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	ANSMITTAL LETTER TO	ATTORNEY'S DOCKET NUMBER						
DESIGNATED/ELECTED OFFICE (DO/EO/US)			4385-052551 U.S. APPLION NO (III khéw) , See (37 CFR 1.5)					
	CERNING A SUBMISSIC	U.S. APPLICATION NOT IT A TOWN, See 37 CFR 1.5)						
	TIONAL APPLICATION NO. 2004/002906	INTERNATIONAL FILING DATE 19.03.2004 (March 19, 2004)	PRIORITY DATE CLAIMED 19.03.2003 (March 19, 2003)					
	INVENTION	,						
Pre-Impregnating Agents for High-Resistant and Elastic Composite Fibres APPLICANT(S) FOR DO/EO/US								
	• •	MACHHERNDL, Martin BURGER, Carr	men KNOBELSDORF and Thomas REUSSMANN					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:								
1.	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.							
2.	This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.							
3.	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.							
	The US has been elected (Article 31).							
5.	A copy of the International Application as filed (35 U.S.C. 371(c)(2))							
	a. is attached hereto (required only if not communicated by the International Bureau).							
	b. As been communicated by the International Bureau.							
6. <b>V</b>	c is not required, as the application was filed in the United States Receiving Office (RO/US).							
v	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).  a. is attached hereto.							
	b. has been previously submitted under 35 U.S.C. 154(d)(4).							
7. V	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))							
	a. are attached hereto (required only if not communicated by the International Bureau).							
•	b. have been communicated by the International Bureau.							
	c. have not been made; however, the time limit for making such amendments has NOT expired.							
_	d. have not been made and will not be made.							
8.	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).							
9.	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).							
10.	An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	e annexes of the International Preliminary Ex	xamination Report under PCT					
Items	Items 11 to 20 below concern document(s) or information included:							
11.	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.							
12.	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.							
13.	A preliminary amendment.							
14.	An Application Data Sheet under 37 CFR 1.76.							
15. 🗀	A substitute specification.		, ·					
16.	A power of attorney and/or change of address letter.							
17	A computer-readable form of the sequence listing in accordance with PCT Rule 13 <i>ter</i> .2 and 37 CFR 1.821- 1.825.  A second copy of the published International Application under 35 U.S.C. 154(d)(4).							
18. L 19. V		e translation of the international application						
	Joon oopy of the English language	a denoted of the international application	ander 55 5.5.0. 157(0)(4).					

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 3

## JC05 Res'd PCT/PTO 1 5 SEP 2005

PTC-1390 (Rev. 07-2005)
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U.S. APPLICATION NO. (if known see 37 CFR (45)						ATTORNEY'S DOCKET NUMBER			
		<u> </u>	4 PCT/EP2004/002906	5	438	35-052551			
	ms or informatio								
The following	ng fees have be	en submitted		<del></del>	I CA	LCULATIONS	PTO USE ONLY		
21.  Basic national fee (37 CFR 1.492(a))					\$	300.00			
22. Examina	tion fee (37 CFI								
If the written opinion by IPEA/US All other situations	indicates all cla	\$	200.00						
23. Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0  Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority						400.00			
то	TAL OF 21, 22	and 23 =				900.00			
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof (round up to a whole number)									
52 - 100 =	52 - 100 =  /50 =			× \$250	\$	0	l		
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).						130.00			
CLAIMS	NUMBE	R FILED	NUMBER EXTRA	RATE	\$				
Total claims	18	- 20 =	0	x \$50	\$	0			
Independent claims	3	- 3 =	0	x \$200	\$	0			
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360				+ \$360	\$	0			
		\$	1,030.00						
Applicant claims	small entity star	\$	0						
SUBTOTAL =						1,030.00			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).						0			
	<del></del> -	\$	1,030.00						
Fee for recording the by an appropriate co		\$	0						
· TOTAL FEES ENCLOSED =						1,030.00			
						ount to be nded:	\$		
	_				Amo char	unt to be ged	\$		

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10/549487

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. 1.030.00 a. 🔽 A check in the amount of \$ to cover the above fees is enclosed. Please charge my Deposit Account No. \_\_\_\_ A duplicate copy of this sheet is enclosed. in the amount of \$ \_ \_\_\_ to cover the above fees. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-0650 ... A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card Information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the international Application to pending status. SEND ALL CORRESPONDENCE TO: Richard L. Byrne The Webb Law Firm Richard L. Byrne 700 Koppers Building NAME 436 Seventh Avenue 28,498 Pittsburgh, PA 15219-1845 Telephone: (412) 471-8815 REGISTRATION NUMBER Facsimile: (412) 471-4094

10/549487

# PATENT APPLICATION/PCT JC05 Rec'd PCT/PTO 1 5 SEP 2005 IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:	ATTORNEY'S DOCKET NUMBER
Manfred RÄTZSCH,	
René DICKE,	
Markus MACHHERNDL,	4385-052551
Martin BURGER, Carmen KNOBELSDORF	
and Thomas REUSSMANN	
PCT/EP2004/002906	
ENTITLED	
	GENTS FOR HIGH-RESISTANT COMPOSITE FIBRES"
To MAIL STOP PCT Attention: DO/EO/US Commissioner for Patents	
P.O. Box 1450 Alexandria, VA 22313-1450	
EXPRESS M.	AIL CERTIFICATE
"Express Mail" Label N	TumberEL971232245US
Date of Deposit	September 15, 2005
I hereby certify that the following at	tached papers or fees
TRANSMITTAL LETTER TO 1	THE UNITED STATES DESIGNATED/
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	wo (2) copies) and check in amount
	nd surcharge for late Declaration
	DATA SHEET (4 pp.) ENDMENT with ABSTRACT
	ABSTRACT and SEARCH REPORT (3 pp.)
	ATION OF PCT/EP2004/002906 (27 pp.)
are being deposited with the United Stat Addressee" service under 37 C.F.R. §1.10 o Stop PCT, Commissioner for Patents, P.O.	tes Postal Service "Express Mail Post Office to n the date indicated above and is addressed to Mail Box 1450, Alexandria, VA, 22313-1450.
	Nora Ann Pastrick
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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

U.S. National Serial No.:

Filed:

PCT International Application No.:

PCT/EP2004/002906

### **VERIFICATION OF A TRANSLATION**

I, Charles Edward SITCH BA,

Deputy Managing Director of RWS Group Ltd UK Translation Division, of Europa House, Marsham Way, Gerrards Cross, Buckinghamshire, England declare:

That the translator responsible for the attached translation is knowledgeable in the German language in which the below identified international application was filed, and that, to the best of RWS Group Ltd knowledge and belief, the English translation of the international application No. PCT/EP2004/002906 is a true and complete translation of the above identified international application as filed.

I hereby declare that all the statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the patent application issued thereon.

Date: August 9, 2005

Signature:

Chen

For and on behalf of RWS Group Ltd

Post Office Address:

Europa House, Marsham Way,

Gerrards Cross, Buckinghamshire,

England.